

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	R. Westwater
				Art Unit	
				Examiner Name	
				Attorney Docket Number	N1047
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
PN	01	US- 5,563,660	10-08-1996	Tsukagoshi	Abstract
PN	02	US- 5,657,082	08-12-1997	Harada et al.	Abstract
PN	03	US- 6,141,017	10-31-2000	Cubillo et al.	Abstract
PN	04	US- 6,229,570 B1	05-08-2001	Bugwadia et al.	Abstract
PN	05	US- 6,356,315 B1	03-12-2002	Chen et al.	Abstract
PN	06	US- 6,377,621 B2	05-23-2002	Borer	Abstract
PN	07	US- 6,442,201 B2	08-27-2002	Choi	Abstract
PN	08	US- 6,452,639 B2	09-17-2002	Wagner et al.	Abstract
PN	09	US- 6,456,663 B2	09-24-2002	Kim	Abstract
PN	10	US- 2001/0024515	09-27-2001	Martins et al.	Abstract
PN	11	US- 2001/0055340	12-27-2001	Kim et al.	Abstract
PN	12	US- 2002/0009225	01-24-2002	Takahashi et al.	Abstract
PN	13	US- 2002/0036705	03-28-2002	Lee et al.	Abstract
PN	14	US- 2002/0085114	07-04-2002	Ojo et al.	Abstract
PN	15	US- 2002/0136293	09-26-2002	Washino	Abstract, paragraph 0017
PN	16	US- 2002/0136308	09-26-2002	Le Maguet et al.	Abstract
PN	17	US- 2002/0136446	09-26-2002	Slavin	Abstract
PN	18	US- 2002/0141501	10-03-2002	Krishnamachari	Abstract
PN		US-			
PN		US-			

[illegible]

Examiner Signature	PN	/Paulos Natnael/	Date Considered	06/16/2006
-----------------------	----	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number		
			Filing Date		
			First Named Inventor	R. Westwater	
			Group Art Unit		
			Examiner Name		
			Attorney Docket Number	N1047	
Sheet	2	of	2		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
PN	19	BORKO FURHT, JOSHUA GREENBERG, and RAYMOND WESTWATER, Motion Estimation Algorithms for Video Compression, Kluwer Academic Publishers, 1997, pp. 1-27, 105-126.		
PN	20	RAYMOND WESTWATER and BORKO FURHT, Real Time Video Compression, Techniques and Algorithms, Kluwer Academic Publishers, 1997, pp. 1-21, 37-51.		
PN	21	K. R. RAO and P. YIP, Discrete Cosine Transform, Academic Press, Inc., 1990, pp. 1-38.		
PN	22	GEORGI TOLSTOV, Fourier Series, Dover Publications, Inc., 1962, pp. 66-96.		
PN	23	JOAN L. MITCHELL, WILLIAM B. PENNEBAKER, CHAD E. FOGG, and DIDIER J. LEGALL, MPEP Video Compression Standard, Chapman and Hall, 1996		

Examiner Signature	/Paulos Natnael/	Date Considered	06/16/2006
--------------------	------------------	-----------------	------------

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.